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2 The History of Bloodstain Pattern Analysis

2.1 Objectives

- 2.1.1 To understand the evolution of the Bloodstain Pattern Analysis discipline.
- 2.1.2 To understand the work of early American Scientists who studied the Bloodstain Pattern discipline (Dr. Paul L. Kirk & Prof. Herbert L. MacDonell)
- 2.1.3 To understand the current status & developments within the discipline.
- 2.1.4 To understand the value of Bloodstain Pattern Analysis as it relates to Criminal Investigations.
- 2.1.5 To understand the role of the "International Association of Bloodstain Pattern Analysts".

2.2 Methods of Instruction

- 2.2.1 Lecture/Discussion/Literature
 - 2.2.1.1 The lecture and discussion will include historical information presented in the Literature References mentioned in Section 2.2.2
- 2.2.2 Literature
 - 2.2.2.1 MacDonell, H. L., "Flight Characteristics and Stain Patterns of Human Blood" and "Bloodstain Pattern Interpretation", Washington, U. S. Department of Justice, LEAA, N.I.L.E.C.J., 1971
 - 2.2.2.2 Eckart, W.G. and James, S. H., <u>Interpretation of Bloodstain Evidence at Crime Scenes</u>, New York, Elsevier, 1989
 - 2.2.2.3 Bevel, T. and Gardner, R. M., Bloodstain Pattern Analysis, New York, CRL Press, 1997
 - 2.2.2.4 MacDonell, H. L., "Segments of History in the Documentation of Bloodstain Pattern Interpretation" Segment 00: Literature through the 1800's IABPA Newsletter
 - 2.2.2.5 MacDonell, H.L., "Segments of History in the Documentation of Bloodstain Pattern Interpretation" Segment 01: 1901-1910 IABPA Newsletter
 - 2.2.2.6 MacDonell, H.L., "Segments of History in the Documentation of Bloodstain Pattern Interpretation" Segment 02: 1911-1920 IABPA Newsletter
 - 2.2.2.7 MacDonell, H.L., "Segments of History in the Documentation of Bloodstain Pattern Interpretation"
 Segment 03: Literature from 1921-1930
 IABPA Newsletter

2.2.3 Evaluation/Assignment

2.2.3.1 Read the four segments prepared by Professor Herbert L. MacDonell (2.2.2.4 – 2.2.2.7). Choose three events that are felt to be are significant to the advancement of bloodstain analysis. Describe thoroughly what challenges and advantages these events will have in bloodstain analysis.

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2.2.3.2 П	Discussion Period (question/answer)			
2.2.3.3 Literature Study – Prepare a paper on a particular aspect of Bloodstain History.			♦ E	
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